



EXPRESS MAIL NO.: EV 313 842 475 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Markau *et al.*

Serial No.: 10/072,436

Filed: February 5, 2002

For: MODIFIED DNA-POLYMERASE
FROM CARBOXYDOTHERMUS
HYDROGENOFORMANS AND ITS USE
FOR COUPLED REVERSE TRANSCRIPTION
AND POLYMERASE CHAIN REACTION

Confirmation No.: 3877

Group Art Unit: 1652

Examiner: Hutson

Attorney Docket No.: 18651-US1
(1803-332-999)

RECEIVED

DEC 22 2003

TECH CENTER 1600/2900

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.116

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the final Office Action mailed October 15, 2003, Applicants submit herewith an Amendment and Response within two months of the filing date of the final action. In the event an advisory action is not mailed until after the end of the three month shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed. Please consider the following amendments and remarks.

Applicants enclose herewith:

Amendments to the Claims begin on page 2 of this paper;

Remarks begin on page 3 of this paper.

Also included herewith is:

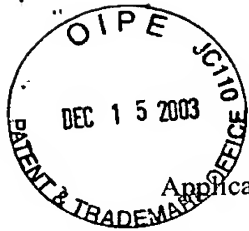
Fee Transmittal Sheet.

12-17-03 61

AF

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FEE TRANSMITTAL SHEET

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The fee required to be filed with the accompanying amendment of even date herewith concerning the above-identified application has been estimated to be \$0.00.

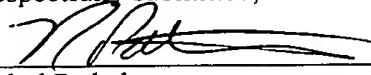
The claim amendment fee has been estimated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		<input type="checkbox"/> SMALL ENTITY	<input checked="" type="checkbox"/> OTHER THAN A SMALL ENTITY		
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID		PRESENT EXTRA	RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	9	MINUS	23	0	x 9	\$		x 18	\$ 0.00
INDEP.	1	MINUS	4	0	x 43	\$		x 86	\$ 0.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						\$		\$	0.00
TOTAL						\$	OR	TOTAL	\$ 0.00

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,

Date: December 15, 2003


Rahul Pathak
For Nikolaos C. George (Reg. No. 39,201)
PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, N.Y. 10036-2711
(212) 790-7900

42,983
(Reg. No.)

Enclosure